



10551833 /GAD 1647

Attorney's Docket No.: 20724-011US1 / UR 1206

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Roman J. Giger

Art Unit : Unknown

Serial No.: 10/551,833

Examiner: Unknown

Filed

: October 3, 2005

Confirmation No.: 3920

Title

: IDENTIFICATION OF NOGO-RECEPTORS AND METHODS RELATED

THERETO

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 10/a0/06

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Substitute Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 20724-011US1

Application No.

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

Applicant Roman J. Giger

Filing Date

Group Art Unit

(37 CFR §1.98(b))

	U.S. Patent Documents						
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/CMW/	AA	20020077295	06-20-2002	Strittmatter	9900002XX900000	58-00-0000 SKISO QOO OO OO SKISO K	
20000000	AB	20020012965	01-31-2002	Strittmatter	100000000000000000000000000000000000000	3550000x	
	AC	20030113325	06-19-2003	He, et al.	200000000000000000000000000000000000000	50000000000000000000000000000000000000	
W	AD	20040029169	02-12-2004	He, et al.	300000000000	00000000000	
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	Foreig	n Patent Doci	uments or P	ublished Foreign	Patent A	Application	าร		
Examiner	Desig.	Document	Publication	Country or			-	Translation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
/CMW/	AF	WO 03/018631	03-06-2003	PCT	000000000000000000000000000000000000000	20000000000000000000000000000000000000			
/CMW/	AG	WO 03/035687	05-01-2003	PCT	558860000000000000000000000000000000000	0000 <u>0175000</u> 0			
	AH								
	AI								
	AJ								

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/CMW/ AK		Adams et al., "A role for syndecan-1 in coupling fascin spike formation by thrombospondin-1" <i>J. Cell Biol.</i> , 2001. 152(6):1169-82.			
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Examiner Signature	Date Considered
/Cherie M. Woodward/	12/24/2007
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with
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000000000000000000000000000000000000000	AP	Bowers et al., "Expression of vhs and VP16 during HSV-1 helper virus-free amplicon packaging enhances titers" <i>Gene Ther.</i> , 2001. 8(2):111-20.
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0000000000	AR	Brosamle et al., "Regeneration of lesioned corticospinal tract fibers in the adult rat induced by a recombinant, humanized IN-1 antibody fragment." J. Neurosci., 2000. 20(21):8061-8.
0000000	AS	Carey, "Syndecans: Multifunctional cell-surface co-receptors." J. Biochem., 1997. 327(1):1-16.
600000000000	AT	Caroni and Schwab, "Antibody against myelin-associated inhibitor of neurite growth neutralizes non-permissive substrate properties of cns white matter." <i>Neuron</i> , 1988. 1(1):85-96.
85000000000	AU	Chen et al., "Nogo-a is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1." <i>Nature</i> , 2000. 403(6768):434-9.
3550000000	AV	Collins et al., "Sialic acid specificity of myelin-associated glycoprotein binding." J. Biol. Chem., 1997. 272(2):1248-55.
000000000000000000000000000000000000000	AW	DeBellard et al., "Myelin-associated glycoprotein inhibits axonal regeneration from a variety of neurons via interaction with a sialoglycoprotein." <i>Molecular and Cellular Neuroscience</i> , 1996. 7:89-101.
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000000000	AY	Ethell et al., "Ephb/syndecan-2 signaling in dendritic spine morphogenesis. <i>Neuron</i> , 2001. 31(6):1001-13.
000000000	AZ	Fournier et al., "Truncated soluble nogo receptor binds nogo-66 and blocks inhibition of axon growth by myelin." <i>J. Neurosci.</i> , 2002. 22(20):8876-83.
000000000	AAA	Fournier et al., "Identification of a receptor mediating nogo-66 inhibition of axonal regeneration." Nature, 2001. 409(6818):341-6.
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00000000	ACC	Giger et al., "Anatomy of rat semaphorin iii/collapsin-1 mrna expression and relationship to developing nerve tracts during neuroembryogenesis." <i>J Comp Neurol</i> , 1996.375(3):318-92.
000000000000000000000000000000000000000	ADD	Giger et al., "Adenovirus-mediated gene transfer in neurons: construction and characterization of a vector for heterologous expression of the axonal cell adhesion molecule axonin-1." J. Neurosci. Methods, 1997 1: 99-111.
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000000000000000000000000000000000000000	AFF	Giger et al., "Neuropilin-2 is a receptor for semaphorin iv: Insight into the structural basis of receptor function and specificity." <i>Neuron</i> , 1998. 21:1074-1092.
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	AKK	Hartmann and Maurer, "Proteoglycans in the nervous systemthe quest for functional roles in vivo." <i>Matrix Biol.</i> , 2001. 20(1):23-35.
900000	ALL	Heinegard and Sommarin, "Proteoglycans: an overview." Methods Enzmol., 1987. 144:305-19.
	AMM	Hileman et al., "Glycosaminoglycan-protein interactions: Definition of consensus sites in glycosaminoglycan binding proteins." <i>Bioessays</i> , 1998. 20(2):156-67.
300000000000000000000000000000000000000	ANN	Hsueh and Sheng, "Regulated expression and subcellular localization of syndecan heparan sulfate proteoglycans and the syndecan-binding protein CASWLIN-2 during rat brain development." <i>J Neurosci.</i> , 1999. 19(17):7415-25.
	A00	Josephson et al., "Nogo-receptor gene activity: Cellular localization and developmental regulation of mRNA in mice and humans." <i>J Comp Neurol.</i> , 2002. 453:292-304.
000000000000000000000000000000000000000	APP	Kaksonen et al., "Syndecan-3-deficient mice exhibit enhanced ltp and impaired hippocampus-dependent memory." <i>Mol Cell Neurosci.</i> , 2002. 2l(1):158-72.
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	ARR	Kelm et al., "Sialoadhesin, myelin-associated glycoprotein and cd22 define a new family of sialic acid-dependent adhesion molecules of the immunoglobulin superfamily." <i>Current Biology</i> , 1994. 4(11):965-72.
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00000000	AVV	Kolodkin et al., "Neuropilin is a semaphorin iii receptor." Cell, 1997. 90(4):757-62.
0000000	AWW	Kolter et al., "Combinatorial ganglioside biosynthesis." J. Biol. Chem., 2002. 277(29): 25859-25862.
	AXX	Kottis et al., "Oligodendrocyte-myelin glycoprotein (omgp) is an inhibitor of neurite outgrowth." <i>J Neurochem</i> , 2002. 82(6):1566-3.
	AYY	Kunkel-Bagden et al., "Methods to assess the development and recovery of locomotor function after spinal cord injury in rats." <i>Exp Neurol</i> , 1993. 119(2):153-64.
000000000000000000000000000000000000000	AZZ	Li and Raisman, "Schwann cells induce sprouting in motor and sensory axons in the adult rat spinal cord." <i>Journal of Neuroscience</i> , 1994. 14(7):4050-63.
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<u> </u>	ABBB	Liu et al., "A genetic model of substrate deprivation therapy for a glycosphingolipid storage disorder." J. Clin. Invest. 1999. 103(4): 497-505.
ČMW/	ACCC	Maasho et al., "Efficient gene transfer into the human natural killer cell line, NKL, using the Amaxa nucleofection system." J Immunol Methods, 2004. 284(1-2):133-40

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/CMW/ ADDD		Maguir-Zeis et al., "HSV vector-mediated gene delivery to the central nervous system." Curr. Opin. Mol. Ther., 2001. 3(5):482-90.	
***************************************	AEEE	McKerracher et al., "Identification of myelin-associated glycoprotein as a major myelin-derived inhibitor of neurite growth." <i>Neuron</i> , 1994. 13(4):805-11.	
	AFFF	McKerracher and Winton, "Nogo on the go." Neuron, 2002. 36(3):345-8	
0,000,000	AGGG	Mikol and Stefansson, "A phosphatidylinositol-linked peanut agglutinin-binding glycoprotein in central nervous system myelin and on oligodendrocytes." <i>J Cell Biol.</i> , 1988. 106(4):1273-9.	
***************************************	АННН	Mukhopadhyay et al., "A novel role for myelin-associated glycoprotein as an inhibitor of axonal regeneration." <i>Neuron</i> , 1994. 13(3):757-67.	
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0000000000	AJJJ	Niederost et al., "Nogo-a and myelin-associated glycoprotein mediate neurite growth inhibition by antagonistic regulation of rhoa and racl." <i>J Neurosci.</i> , 22(23):10368-76. 1 Dec 2002 /CMW/ 11/1	3/2008
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3000000	ALLL	Prinjha et al., "Inhibitor of neurite outgrowth in humans." Nature. 2000. 403(6768):383-4	
	AMMM	Qiu et al., "Glial inhibition of nerve regeneration in the mature mammalian CNS." Glia, 2000. 29:166-74	
5000000000	ANNN	Savio and Schwab, "Lesioned corticospinal tract axons regenerate in myelin-free rat spinal cord." <i>PNAS</i> , 1990. 87(11):4130-41.	
***************************************	A000	Savio and Schwab, "Rat cns white matter, but not gray matter, is non-permissive for neuronal cell adhesion and fiber outgrowth." <i>J Neurosci</i> , 1989. 9(4):1126-33.	
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000000000000000000000000000000000000000	ASSS	Thallmair et al., "Neurite growth inhibitors restrict plasticity and functional recovery following corticospinal tract lesions." <i>Nat. Neurosci.</i> , 1998. l(2):124-31.	
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000000000000000000000000000000000000000	AVVV	Vogt et al., "Continuous renewal of the axonal pathway sensor apparatus by insertion of new sensor 1 molecules into the growth cone membrane." <i>Curr. Biol.</i> , 1996. 6:1153-8.	L/13/200
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V	AXXX	Vyas and Sellnaar, "Brain gangliosides: functional ligands for myelin stability and the control of nerve regeneration." <i>Biochem J</i> , 2001. 83:677-82.	
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Initial	ID	Document			
/CMW/	AZZZ	Wang et al., "Oligodendrocyte-myelin glycoprotein is a nogo receptor ligand that inhibits neurite outgrowth." <i>Nature</i> , 2002. 417(6892):941-4.			
. 800	AAAAA	Wang et al., "Localization of nogo-a and nogo-66 receptor proteins at sites of axon-myelin and synaptic contact." <i>J. Neurosci.</i> , 2002. 22(13):5505-5515.			
	ABBBB	Wang et al. "P75 interacts with the nece recentor as a constant for nece mag and amon."			
	ACCCC	Wong et al. "n75(ntr) and nogo recentor complex mediates repulsive signaling by myelin acceptated			
	ADDDD	Vamachita et al. "The n75 recentor transduces the signal from muelin associated algeographic to			
0000000	AEEEE	Yang et al., "Gangliosides are neuronal ligands for myelin-associated glycoprotein." <i>PNAS</i> , 1996. 93(2):814-8.			
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